



Smithsonian

National Air and Space Museum

Bell XV-15 (Model 301) Collection

2005

National Air and Space Museum Archives
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Table of Contents

Collection Overview	1
Administrative Information	1
Scope and Contents.....	1
Biographical / Historical.....	1
Names and Subjects	2
Container Listing	

Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Bell XV-15 (Model 301) Collection
Date:	(bulk 1976-2002)
Identifier:	NASM.2005.0004
Creator:	Bell Helicopter Textron
Extent:	1.83 Cubic feet
Language:	English .

Administrative Information

Acquisition Information

Bell Helicopter / NASA, Gift, 2004

Preferred Citation

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Restrictions

No restrictions on access.

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Biographical / Historical

The XV-15 Tilt Rotor technology demonstrator was the culmination of efforts begun in the early 1950s to produce an aircraft that could take off, land, and hover like a helicopter, but with the speed of an airplane. The rotor pylons tilt from the vertical to horizontal to eliminate the speed barriers imposed on conventional helicopters by retreating-blade stall.

Scope and Contents

This collection consists of the following material relating to the Bell XV-15 Tilt Rotor: four binders containing Maintenance Task Analysis Records; one binder containing maintenance manuals, including TP-28-XV-15-2; and a packet of drawings.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Aeronautics
Bell XV-15 (Model 301)

Types of Materials:

Drawings
Manuals